

**Environmental Restoration (ER) Project
Cerro Grande Fire
Accelerated Action Information Sheet**

**Potential Release Site (PRS) 18-004(a)
Waste Lines Containment**

Technical Area (TA)-18 is located off Pajarito Road near the confluence of Pajarito Canyon and Threemile Canyon. The principal activities at TA-18 are the design, construction, research, development, and application of experiments that involve chain reactions of atoms splitting fast enough to be self-sustaining (called nuclear criticality).

PRS History: PRS 18-004(a) is a stainless steel industrial drain line that carried liquid waste from Building 18-30 to PRS 18-004(b), a subsurface pit containing two stainless steel tanks, located on the west side of the building. The line was used from the 1950s until 1977, when the line and pit were decommissioned. The tanks were reportedly removed, and the inflow line was capped. The concrete bottom of the pit was left in place, while the walls of the pit were razed and then backfilled to grade. Interviews with former employees indicated that radioactive materials were not used in Building 18-30 but that the drain line had carried some chemical wastes, primarily acids.

PRS 18-004(a) is listed on the Hazardous and Solid Waste Amendments module of the Laboratory's Hazardous Waste Facility permit. The ER Project has proposed the site for no further action; there are indications of residual risk at the site



*Photo Currently
Unavailable*

Issues of Concern: The area upstream of PRS18-004(a) burned during the Cerro Grande fire (a fire intensity rating of low to high). There is little potential for erosion or scouring. There is no debris on the site that could enter the flood watercourse, nor are there any structures that could interfere with or be impacted by flood mitigation efforts.

Accelerated Action Status: PRS18-004(a) was evaluated after the Cerro Grande fire. ER Project personnel reported that no actions were required at this time.

Related Documents: November 2, 1995